Amendments to The Specification

Please replace the paragraph on page 1 under "Related Applications" with the following amended paragraph:

This application is a continuation of United States patent application 09/560,855, filed April 28, 2000, which is a continuation of PCT/US98/23826, filed on 5 November 1998 ~~as a continuation of~~ , claiming priority under 35 U.S.C. § 119(e) from prior ~~U.S.~~ United States provisional ~~Serial Number~~ application 60/064,761, filed 7 November 1997. The entire disclosure of each of the aforesaid patent applications are incorporated herein by reference.

Please replace the paragraph beginning on page 4, line 10 with the following amended paragraph:

Figure 2 delineates the amino acid sequence of BMOG with each of the 3 possible C terminal splice variants (SEQ ID NOS: 7, 8 and 9). Various portions of the molecule are identified.

Please replace the paragraph beginning on page 4, line 13 with the following amended paragraph:

Figure 3 shows an alignment of amino acid sequences of human BMOG (SEQ ID NO:10), human, rat and mouse MOG (hu-, rat- and mo-MOG)(SEQ ID NOS:11, 12, and 13), chicken B-G gene (ch B-G)(SEQ ID NO:14), human and bovine butyrophilin (hu-Bu and bov-Bu)(SEQ ID NOS:15 and 16) and human B7-1 (SEQ ID NO:17) and human B7-2 (SEQ ID NO:18). Only the first Ig domain of butyrophilin, B7-1 and B7-2 is shown. Underlined regions ~~shows~~ show the approximate transmembrane region in BMOG and MOG.

Please replace the paragraph beginning on page 26, line 19 with the following amended paragraph:

A piece of DNA was prepared by PCR spanning amino acids 1 to 139 of seq 4 and was terminated in an additional aspartate residue and a six histidine tag on the C terminus followed by a stop codon. The reaction used the following primers: 5'AACTGCAGCGGCCGCCATGGCCTGGATGCTGTTG3' (SEQ ID NO:19) and 5'

ATAGTTTAGCGGCCGCTCAGTGATGGTGGTGATGGTGGTCGACTGTACCA GCCCCTAG 3' (SEQ ID NO:20), which incorporated flanking Not1 sites on the final product. The inset was cloned into an expression vector called CH269 (Chicheportiche ~~et al,~~ et al., JBC 1997), which would allow for high copy expression in EBNA expressing HEK 293 cells. Upon transfection and purification of a metal chelate affinity resin and elution with imidazole buffer by conventional techniques used to purify Histidine tagged proteins, a roughly 22–29 kDa band was observed representing pure soluble BMOG. The band was larger than predicted for a [] 146 amino acid protein and it was fuzzy, indicating the presence of considerable carbohydrate as expected from the three potential N-linked glycosylation sites (~~figure~~ Figure 5).

Please replace the sequence Listing on pages 33–36 with the substitute pages of the Sequence Listing (pages 1–11), attached herewith.